

PATENT

§ 87(2)(b)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, DC 20231, on the date indicated below.

Robert C. Kowert

Name of Registered Representative

Dec. 27, 2000
Date

Signature _____

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Assistant Commissioner for Patents
Washington, D.C. 20231

JAN 10 2001

Dear Sir/Madam:

Technology Center 2100

SUN MICROSYSTEMS, INC., ("assignee"), a Delaware corporation having a place of business at 901 San Antonio Road, Palo Alto, California 94303, certifies that to the best of assignee's knowledge and belief it is the assignee of the entire right, title, and interest in and to the above-referenced patent and represents that the undersigned is a representative authorized and empowered to sign on behalf of the assignee.

Assignee has reviewed the assignment documents that evidence the placement of title in the assignee, true and correct copies of which are attached hereto, and understands and believes that these assignment documents have been submitted for recordation in the U.S. Patent and Trademark Office.

Pursuant to 37 C.F.R. §1.36 and 3.71, the assignee hereby revokes all powers of attorney previously given and appoints

Kenneth Olsen
Robert S. Hauser
Alexander E. Silverman
Christine S. Lam
Timothy J. Crean
Joseph T. FitzGerald
Anirma Rakshpal Gupta
Sean P. Lewis
Michael J. Schallop
Bernice B. Chen
Kenta Suzue
Noreen A. Krall
Richard J. Lutton, Jr.
Monica D. Lee

Reg. No. 26,493
Reg. No. 37,847
Reg. No. 37,940
Reg. No. 37,489
Reg. No. 37,116
Reg. No. 33,881
Reg. No. 38,275
Reg. No. 42,798
Reg. No. 44,319
Reg. No. 42,403
Reg. No. 45,145
Reg. No. 39,734
Reg. No. 39,756
Reg. No. 40,696

Marc D. Foodman	Reg. No. 34,110
Naren Chaganti	Reg. No. 44,602
Elaine Lee	Reg. No. 41,936
Hugh H. Matsubayashi	Reg. No. 43,779

each of said attorneys being employed by Sun Microsystems; and

Dan R. Christen	Reg. No. 39,943
Gentry E. Crook	Reg. No. 44,633
Kevin L. Daffer	Reg. No. 34,146
Mark R. DeLuca	Reg. No. 44,649
Jeffrey C. Hood	Reg. No. 35,198
Robert C. Jahnke	Reg. No. 44,800
B. Noël Kivlin	Reg. No. 33,929
Robert C. Kowert	Reg. No. 39,255
Lawrence J. Merkel	Reg. No. 41,191
Eric B. Meyertons	Reg. No. 34,876
Louise K. Miller	Reg. No. 36,609
David W. Quimby	Reg. No. 39,338
David A. Rose	Reg. No. 26,223

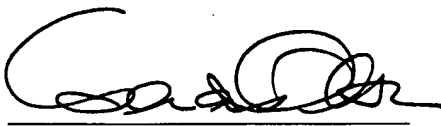
each of said attorneys or agents being a member or an associate of the firm of Conley, Rose & Tayon, P.C., as attorney or agent for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive the Letters Patent.

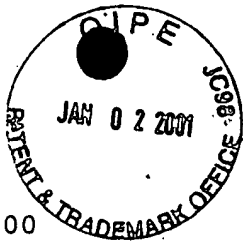
Pursuant to 37 C.F.R. §3.71, the assignee hereby states that prosecution of the above-referenced patent application is to be conducted to the exclusion of the inventor(s).

Send all future correspondence to: Robert C. Kowert
CONLEY, ROSE & TAYON, P.C.
P.O. Box 398
Austin, Texas 78767-0398
(512) 476-1400

Assignee of Interest: SUN MICROSYSTEMS, INC.
M/S PAL 01-521
901 San Antonio Road
Palo Alto, CA 94303

Dated: DEC 08 2000

By: 
Name: Kenneth Olsen
Reg. No.: 26,493
Title: Vice President, Intellectual Property



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P5000

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 14, 2000

PTAS

ROBERT C. KOWERT
CONLEY, ROSE & TAYON, P.C.
P.O. BOX 398
AUSTIN, TX 78767-0398



101471699A

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Technology Center 2100

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/12/2000

REEL/FRAME: 011099/0786
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SAULPAUGH, THOMAS E.

DOC DATE: 09/07/2000

ASSIGNOR:
SLAUGHTER, GREGORY L.

DOC DATE: 09/07/2000

ASSIGNOR:
POUYOUL, ERIC

DOC DATE: 09/07/2000

ASSIGNEE:
SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

SERIAL NUMBER: 09660562
PATENT NUMBER:

FILING DATE: 09/12/2000
ISSUE DATE:

NOV 21

011099/0786 PAGE 2

JEEVON JONES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

09-26-2000

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



9.12.00

To the Honorable Commissioner of Patents and Trademarks. **101471699**

py thereof.

1. Name of conveying party(ies):

Thomas E. Saulpaugh
Gregory L. Slaughter
Eric Pouyoul

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

2. Name and address of receiving party(ies):

Name: Sun Microsystems, Inc.

Internal Address: _____

Street Address: 901 San Antonio Road

City Palo Alto State CA ZIP 94303

Additional name(s) & address(es) attached? ☐ Yes ☒ No



3. Nature of Conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

Execution Date: September 7, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: September 7, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

09660562

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. Kowert

Internal Address: Conley, Rose & Tayon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:
(Attach a duplicate copy of this page if paying by deposit account)
03-2769

09/22/2000 BALEXAND 00000023 09660562

04 FC:581

40.00 00

DO NOT USE THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert C. Kowert

Name of Person Signing
Reg. No. 39.255

Signature

September 12, 2000

Date

Total number of pages: 3

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, EFFICIENT CONSTRUCTION OF MESSAGE ENDPOINTS, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

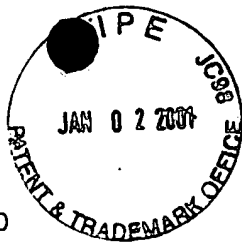
COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) Thomas E. Saulpaugh Date: 9-7-00
Name: Thomas E. Saulpaugh

(Signature) Gregory L. Slaughter Date: 9/7/00
Name: Gregory L. Slaughter

(Signature) Eric Pouyoul Date: 9/7/2000
Name: Eric Pouyoul

Robert C. Kowert
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398



5181-72000
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 21, 2000

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CONLEY, ROSE & TAYON, P.C.
ROBERT C. KOWERT
P.O. BOX 398
AUSTIN, TX 78767-0398



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Technology Center 2100

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RECORDATION DATE: 09/15/2000

REEL/FRAME: 011117/0847
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SLAUGHTER, GREGORY L.

DOC DATE: 09/12/2000

ASSIGNOR:

SAULPAUGH, THOMAS E.

DOC DATE: 09/12/2000

ASSIGNOR:

TRAVERSAT, BERNARD A.

DOC DATE: 09/12/2000

ASSIGNOR:

DUIGOU, MICHAEL J.

DOC DATE: 09/12/2000

ASSIGNOR:

ABDELAZIZ, MOHAMED M.

DOC DATE: 09/12/2000

ASSIGNEE:

SUN MICROSYSTEMS, INC.
901 SAN ANTONIO ROAD
PALO ALTO, CALIFORNIA 94303

RECORDED
INDEXED

011117/0847 PAGE 2

SERIAL NUMBER: 09663563
PATENT NUMBER:

FILING DATE: 09/15/2000
ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

OF COMMERCE
ark Office

FORM P10-7,395
1-31-92
mro 9/15/00



101477663

09/15/00 09/663563 JG916 U.S. PTD

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original document.

1. Name of conveying party(ies):

**Gregory L. Slaughter
Thomas E. Saulpaugh
Bernard A. Traversat
Michael J. Duigou
Mohamed M. Abdelaziz**

Additional name(s) of conveying party(ies) attached? ☐ yes ☒ no

2. Name and

Name: Sun Microsystems, Inc.

Internal Address:

Street Address: 901 San Antonio Road

City Palo Alto State CA ZIP 94303

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

Execution Date: September 12, 2000

09/663563

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of this application is: September 12, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert C. Kowert

Internal Address: Conley, Rose & Tavon, P.C.

Street Address: P.O. Box 398

City Austin State TX ZIP 78767-0398

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:
(Attach a duplicate copy of this page if paying by deposit account)
03-2769

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9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert C. Kowert

Name of Person Signing
Reg. No. 39,255

Signature

September 15, 2000

Date _____

Total number of pages: 3

OMB No. 0651-011 (exp.4/94)

09/26/2000 JUDGE:00100210/2563
04 FC:581

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to SUN MICROSYSTEMS, INC. (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at 901 San Antonio Road, Palo Alto, California 94303 their entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled, TRANSFORMATION OF OBJECTS BETWEEN A COMPUTER PROGRAMMING LANGUAGE AND A DATA REPRESENTATION LANGUAGE, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) Thomas E. Saulpaugh Date: 9-12-00
Name: Thomas E. Saulpaugh

(Signature) Gregory L. Slaughter Date: 9/12/00
Name: Gregory L. Slaughter

(Signature) Bernard A. Traversat Date: 9/12/00
Name: Bernard A. Traversat

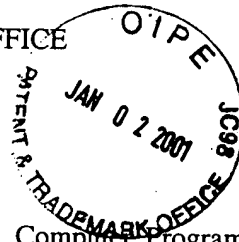
(Signature) Michael J. Duigou Date: 9/12/00
Name: Michael J. Duigou

(Signature) Mohamed M. Abdelaziz Date: 9-17-2000
Name: Mohamed M. Abdelaziz

Robert C. Kowert
Conley, Rose & Tayon, P.C.
P.O. Box 398
Austin, TX 78767-0398

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S): Slaughter, et al.
ASSIGNEE: Sun Microsystems, Inc.
SERIAL NO.: 09/660,553
FILING DATE: September 15, 2000
TITLE: Transformation of Objects Between a Computer Programming
Language and a Data Representation Language
ATTORNEY DOCKET: 5181-72000/P4390



The date stamp of the mail room of the U.S. Patent and Trademark Office hereon will acknowledge receipt of the attached 1) A Power Of Attorney By Assignee And Revocation Of Previous Powers; 2) A copy of the executed Assignment; and 3) A Return Postcard.

RCK:dmp

Via First Class Mail

Date: Dec. 27, 2000